

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20020118762" and demultiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 11:54
L2	1	"6167061".pn. and (audio or pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:06
L3	0	"6167061".pn. and (pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 11:56
L4	6	(first adj2 clock adj2 frequenc\$3) near3 (audio )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:01
L5	9	(first adj2 clock adj2 frequenc\$3) near3 (pixel\$1 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:04
L6	209	(demultiplex\$3) near3 (pixel\$1 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:06
L7	209	(demultiplex\$3) near3 (pixel\$1 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:08
L8	0	7 and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:08
L9	232	("pll" or (phase adj2 lock\$3 adj2 loop)) near3 (pixel\$1 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:07
L10	482	9and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:08
L11	5	9 and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:08

## EAST Search History

L12	2	11 and (demultiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:08
L15	0	(dab or dvb) near3 (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:13
S1	1	bodenschatz-john.in. and ((multiple or plural\$3 or two or second) adj2 frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 14:22
S2	207	(broadcom adj2 corporation\$.as.) and ((multiple or plural\$3 or two or second) adj2 frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/03 17:45
S3	4	((broadcom adj2 corporation\$.as.) and ((multiple or plural\$3 or two or second) adj2 frequenc\$3)) and ((clock adj2 (recover\$3 or regenerat\$3)) same (video and audio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/04 11:34
S4	1	((broadcom adj2 corporation\$.as.) and ((multiple or plural\$3 or two or second) adj2 frequenc\$3)) and ((clock adj2 (recover\$3 or regenerat\$3)) same (video and audio))) and @ad<"20010124"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/04 11:40
S5	310	((multiple or many or two or plural\$3) adj2 data) same (clock adj2 (recover\$3 or regenerat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/04 11:39
S6	76	((multiple or many or two or plural\$3) adj2 data) same (clock adj2 (recover\$3 or regenerat\$3)) ) and ((multiple or plural\$3 or two or second) adj2 frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/04 11:35
S7	3	((multiple or many or two or plural\$3) adj2 data) same (clock adj2 (recover\$3 or regenerat\$3)) ) and ((multiple or plural\$3 or two or second) adj2 frequenc\$3)) and ((composite or total or combin\$3) adj2 stream)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/04 11:36

## EAST Search History

S30 8	1	"4658406".pn. and (oscillator same cycle\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:49
S30 9	0	((full adj2 cycle) near3 (half adj2 period )) near3 (vco or nco or oscillator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/06 20:57
S31 0	46	((full adj2 cycle )) near3 (vco or nco or oscillator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/06 20:58
S31 1	0	S310 and (second adj2 order adj2 feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/06 20:57
S31 2	0	S310 and (dpll or (digital adj2 phase adj2 lock\$3 adj2 loop\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/06 20:57
S31 3	5	S310 and (pll or (phase adj2 lock\$3 adj2 loop\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/06 20:58
S31 4	0	("4658406".pn. "5495512".pn. "5500627".pn. "5661425".pn.) and (audio or pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:51
S31 5	73	(demultiplex\$3 same "pll") and (audio or pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:53
S31 6	0	S315 and ((first adj2 clock adj2 frequenc\$3) near3 (audio or pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:55
S31 7	1	S315 and ((first adj2 clock ) near3 (audio or pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:50
S31 8	8	("4658406".pn. "5495512".pn. "5500627".pn. "5661425".pn.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:51
S31 9	210	375/354.ccls.and (audio or pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:53

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S32 0	210	375/354.ccls. and (audio or pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:54
S32 1	0	S320 and (demultiplex\$3 near3 "pll")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:53
S32 2	0	S320 and (demultiplex\$3 near3 ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:53
S32 3	1	S320 and (demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:21
S32 4	583	(demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:24
S32 5	134	S324 and (audio or pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:20
S32 6	3	S325 and ((first adj2 clock adj2 frequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 14:55
S32 7	1	S324 and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:29
S32 8	1	S324 and (audio adj pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:21
S32 9	0	demultiplex\$3 near3 (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:21
S33 0	1	("pll" or (phase adj2 lock\$3 adj2 loop)) near3 (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:23
S33 1	0	(dab or dvb) same (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:23

## EAST Search History

S33 2	0	("dab" or "dvb") same (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:23
S33 3	0	("dab" or "dvb") and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:24
S33 4	11	(digital adj2 (audio or video)) same (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:43
S33 5	0	S334 and (demultiplex\$3 and ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:45
S33 6	0	S334 and (demultiplex\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:26
S33 7	3	S334 and (("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:29
S33 8	17	"dai" same (demultiplex\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:28
S33 9	0	S338 and (demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:27
S34 0	14	S338 and (("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:27
S34 1	872	(digital adj2 audio) same (demultiplex\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:28
S34 2	97	S341 and (("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:29
S34 3	97	S342 and (("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:29

## EAST Search History

S34 4	1	S343 and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:34
S34 5	1	demultiplex\$3 same (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:34
S34 6	0	(phase adj2 lock\$3 adj2 loop) same (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:36
S34 7	2	"5838498".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:36
S34 8	2	"5835498".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:37
S34 9	0	"5835498".pn. and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:37
S35 0	0	"6151334".pn. and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:37
S35 1	0	S341 and ((digital adj2 (audio or video)) same (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:44
S35 2	3	S341 and ((digital adj2 (audio or video)) and (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:46
S35 3	583	(demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:47
S35 4	1	S353 and (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:50
S35 5	1	S353 and ((digital adj2 (audio or video)) and (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 12:12

## EAST Search History

S35 6	3	375/354.ccls. and (demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:47
S35 7	0	S356 and ((digital adj2 (audio or video)) and (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:47
S35 8	55	375/240-354.ccls. and (demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:47
S35 9	0	S358 and ((digital adj2 (audio or video)) and (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:47
S36 0	47	370/493-509.ccls. and (demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:48
S36 1	0	S360 and ((digital adj2 (audio or video)) and (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:48
S36 2	0	382/236.ccls. and (demultiplex\$3 same ("pll" or (phase adj2 lock\$3 adj2 loop)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:48
S36 3	2	382/236 and ((digital adj2 (audio or video)) and (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:48
S36 4	1	382/236.ccls. and ((digital adj2 (audio or video)) and (audio adj2 pixel\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:48
S36 5	0	(first adj2 clock adj2 frequenc\$3) near3 (audio adj2 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/03 11:59

## EAST Search History

S36 6	0	((transmitter near3 (composite adj2 stream)) and ((data adj2 burst\$1) near3 (second adj2 clock adj2 frequency)) and ((receiver near3 demultiplexer near3 (phase adj2 locked adj2 loop) near3 (first adj2 clock adj2 frequency) near3 (audio adj2 pixel\$1) near3 (second adj2 clock adj2 frequency))))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:55
S36 7	0	((transmitter near3 (composite adj2 stream)) and ((data adj2 burst\$1) near3 (second adj2 clock adj2 frequency)) and ((receiver near3 demultiplexer near3 (half adj2 period adj2 calculator) near3 (one adj2 full adj2 cycle) near3 (first adj2 clock adj2 frequency) near3 (audio adj2 pixel\$1) near3 (second adj2 clock adj2 frequency))))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:56
S36 8	0	((transmitter near3 (composite adj2 stream)) and ((data adj2 burst\$1) near3 (second adj2 clock adj2 frequency)) and ((receiver near3 demultiplexer near3 (second adj2 order adj2 feedback adj2 loop) near3 (first adj2 clock adj2 frequency) near3 (audio adj2 pixel\$1) near3 (second adj2 clock adj2 frequency))))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:56
S36 9	0	((composite adj2 stream) near3 ((data adj2 burst\$1) near3 (second adj2 clock adj2 frequency)) and ((first adj2 clock adj2 frequency) near3 (audio adj2 pixel\$1)) near3 (digital adj2 phase adj2 locked adj2 loop) near3 (second adj2 clock adj2 frequency)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/02 15:59